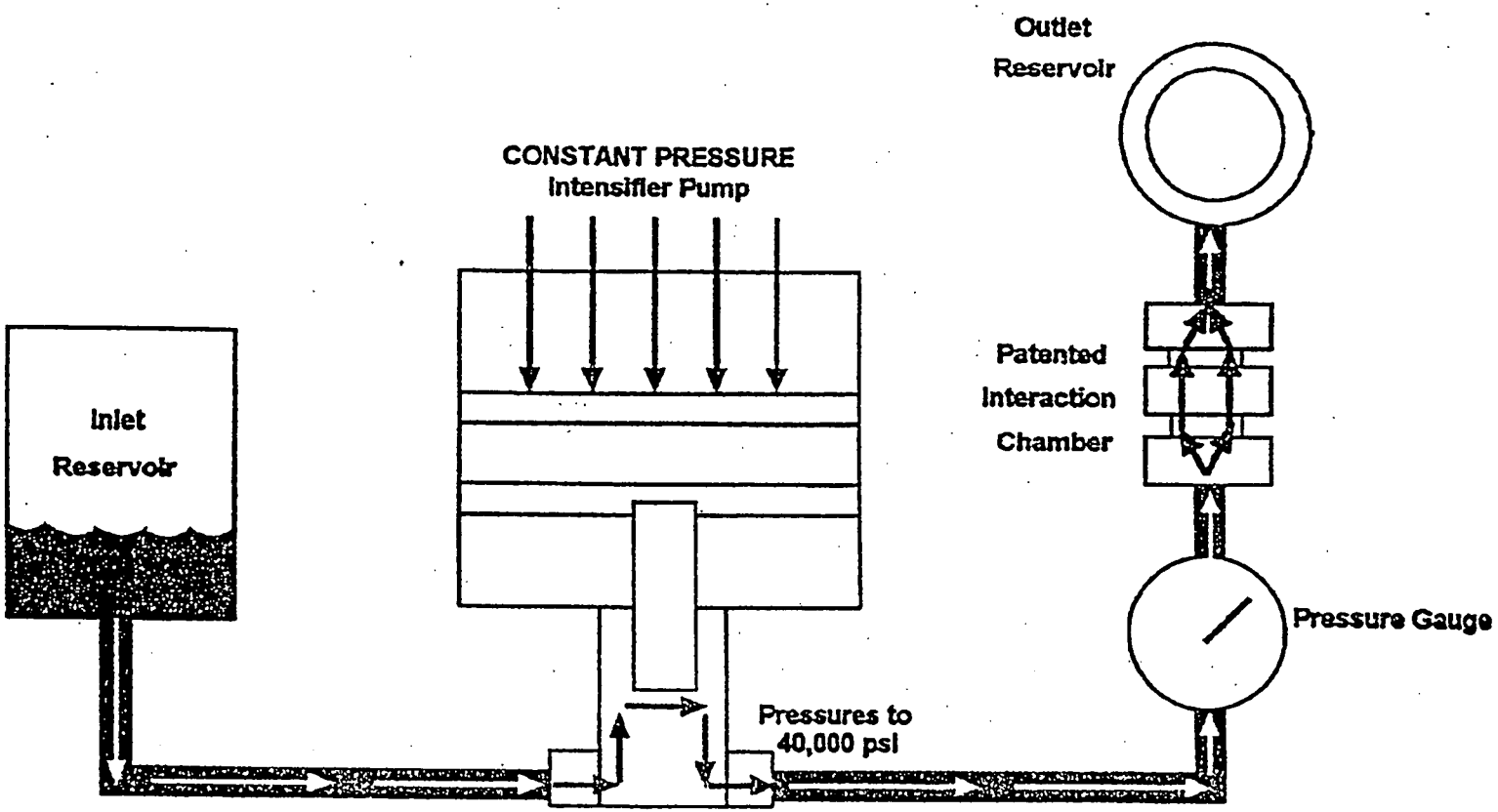


FIG. 1

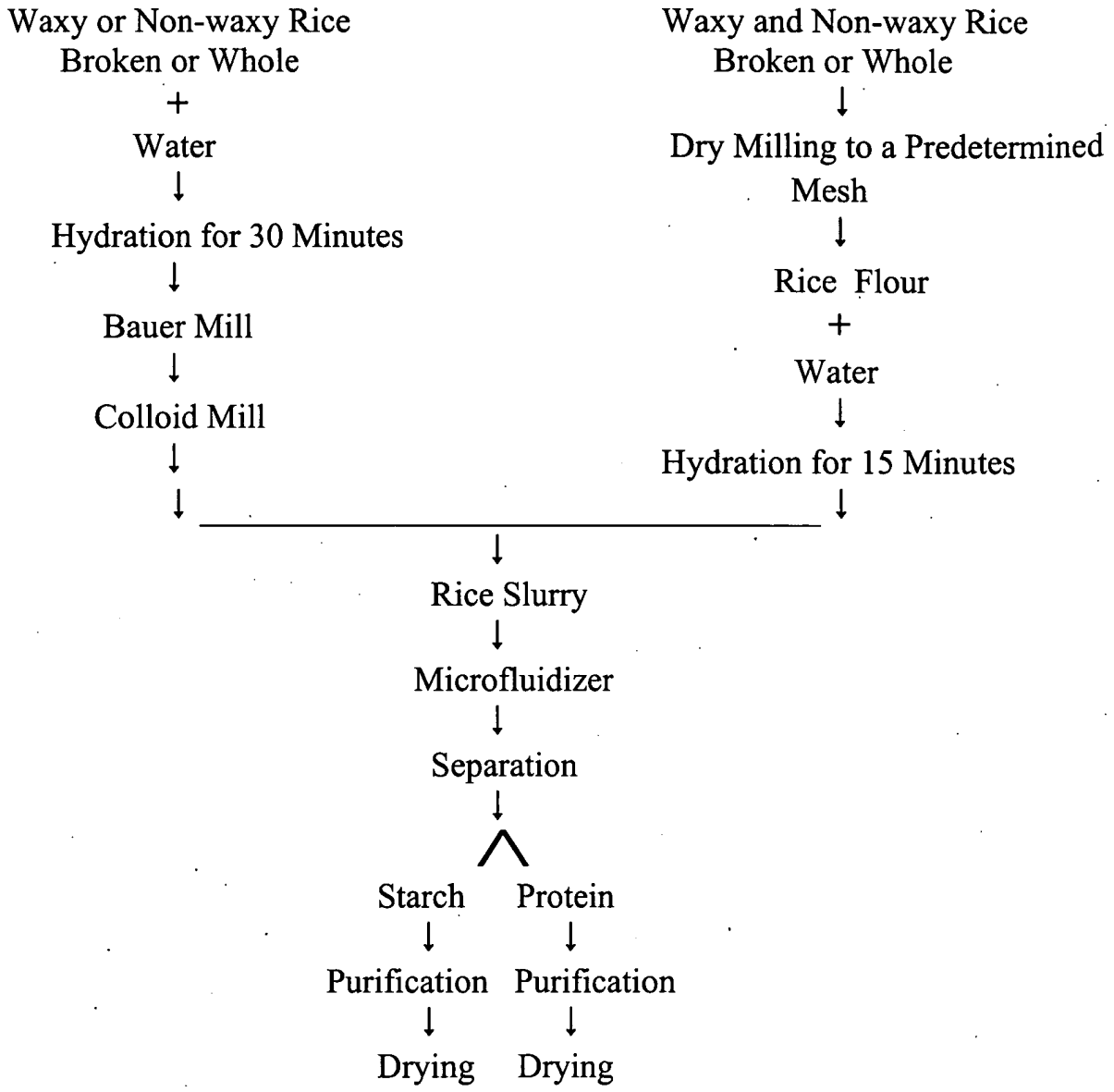

Waxy or Non-waxy Rice
Broken or Whole
+
Water
Hydration for 30 Minutes
Bauer Mill
Colloid Mill
Waxy and Non-waxy Rice
Broken or Whole
Dry Milling to a Predetermined Mesh
Rice Flour
+
Water
Hydration for 15 Minutes
Rice Slurry
Microfluidizer
Separation
Starch
Protein
Purification
Purification
Drying
Drying

FIG. 2

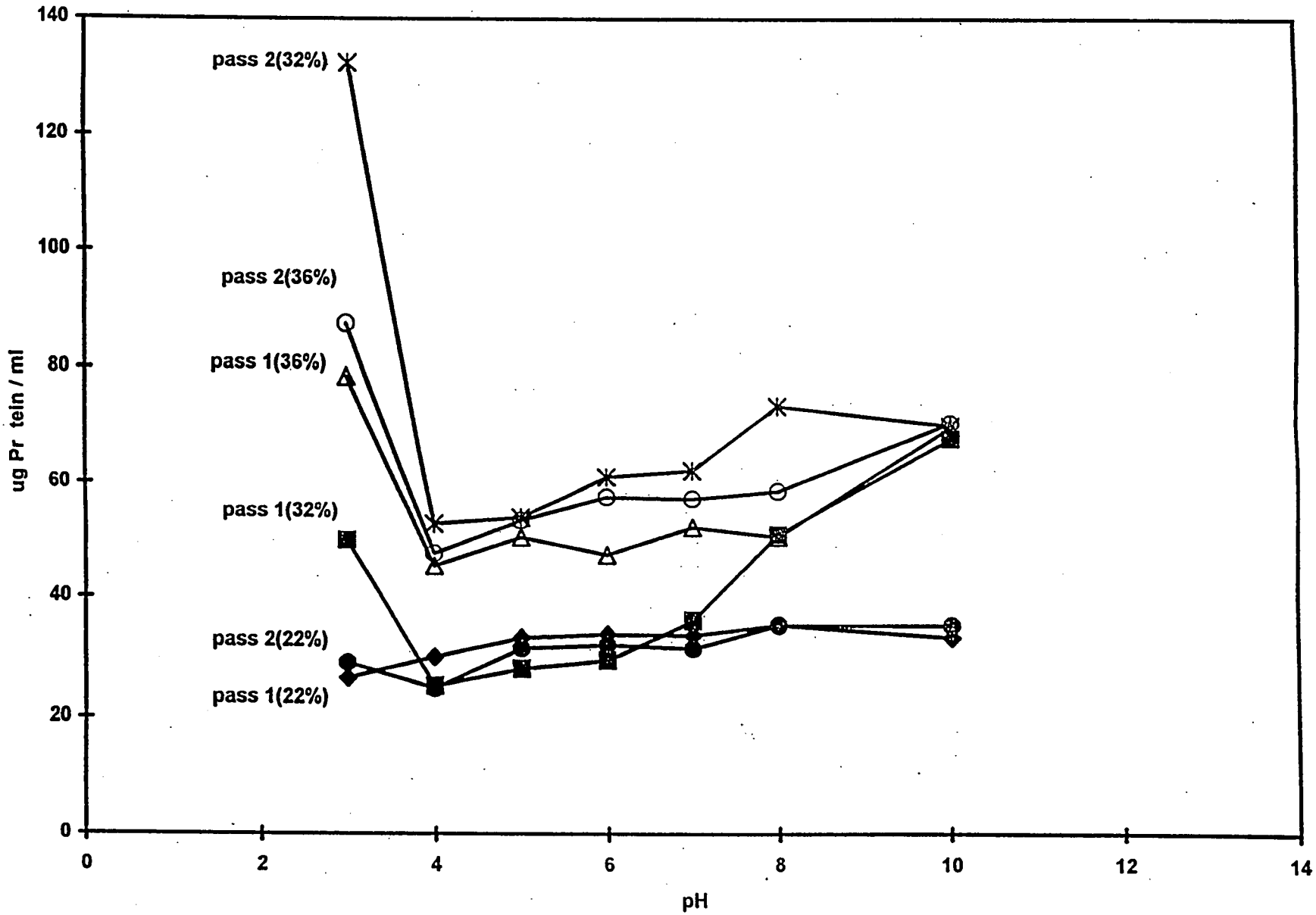

140
120
100
80
60
40
20
0
ug Pr teln / ml
0
2
4
6
8
10
12
14
pH
pass 2(32%)
pass 2(36%)
pass 1(36%)
pass 1(32%)
pass 2(22%)
pass 1(22%)

FIG. 3

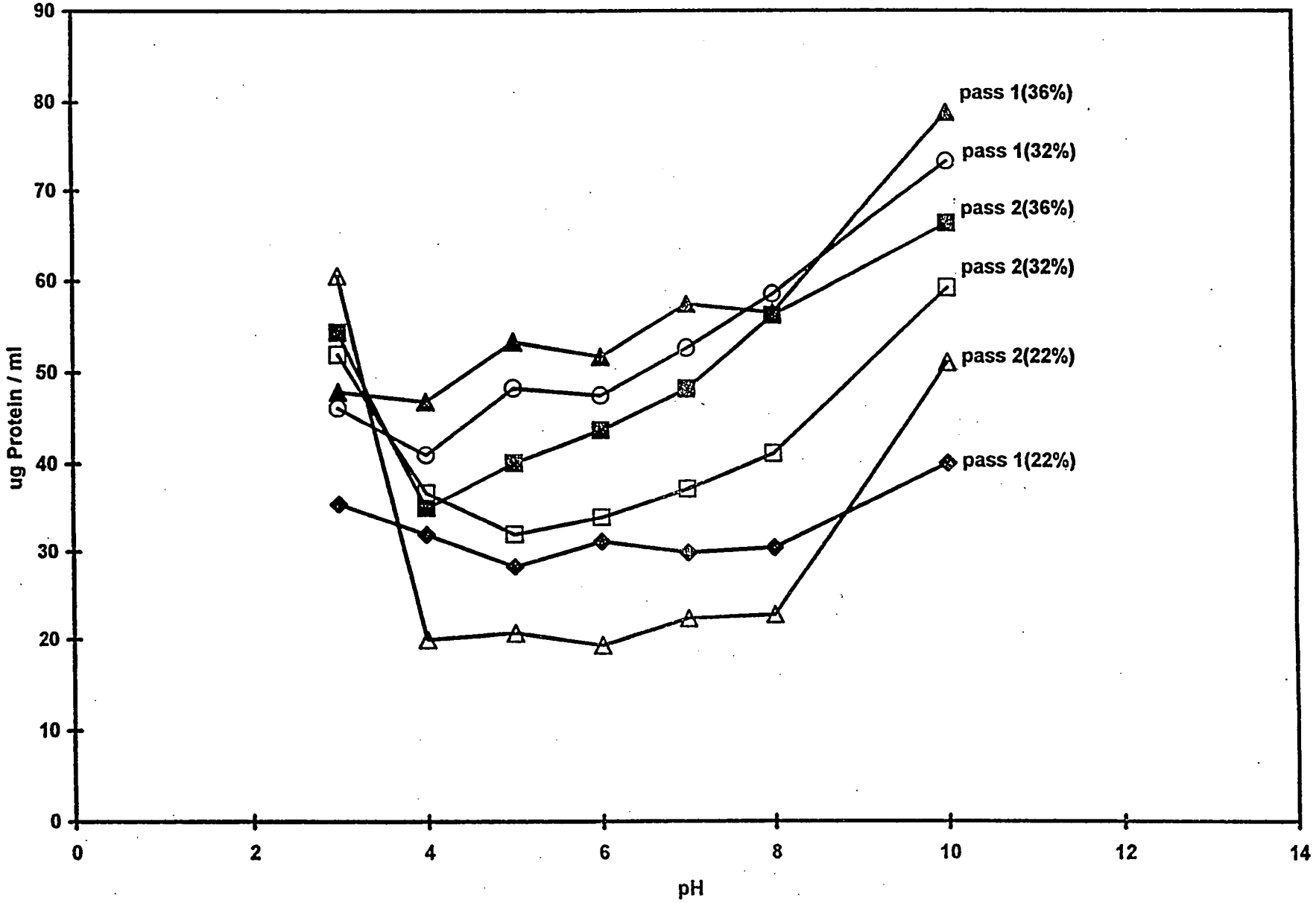


FIG. 4

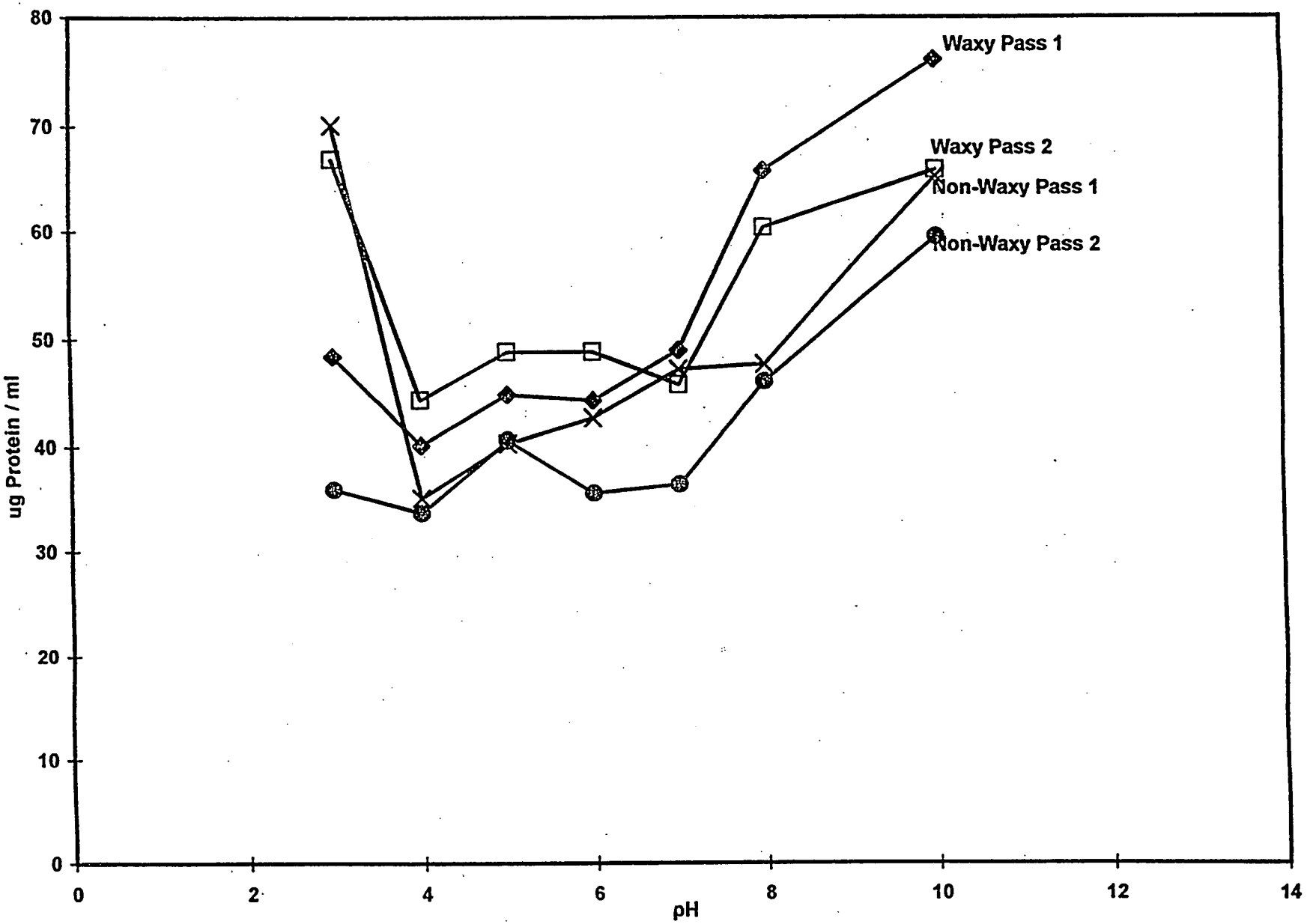

80
70
60
50
40
30
20
10
0
ug Protein / ml
0
2
4
6
8
10
12
14
pH
Waxy Pass 1
Waxy Pass 2
Non-Waxy Pass 1
Non-Waxy Pass 2

FIG. 5

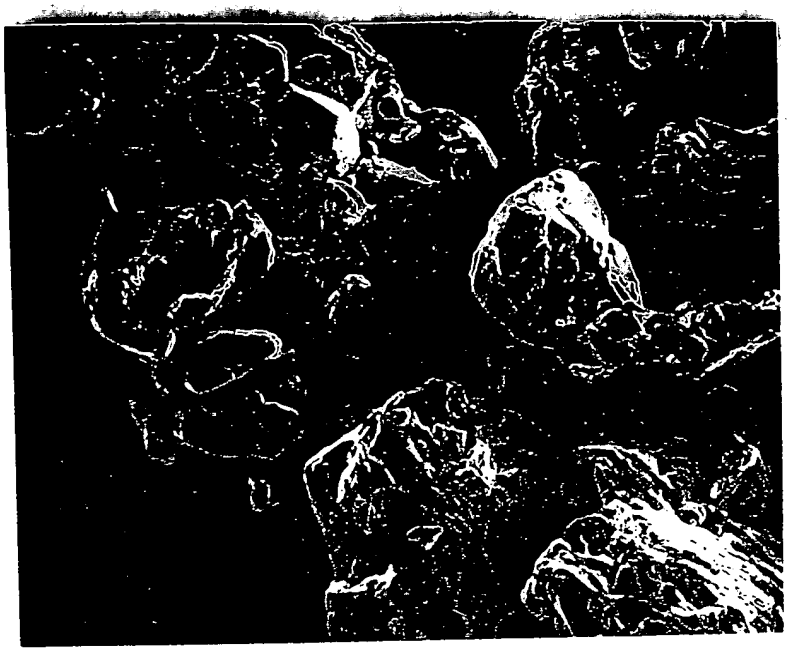


FIG. 6a

FIG. 6b

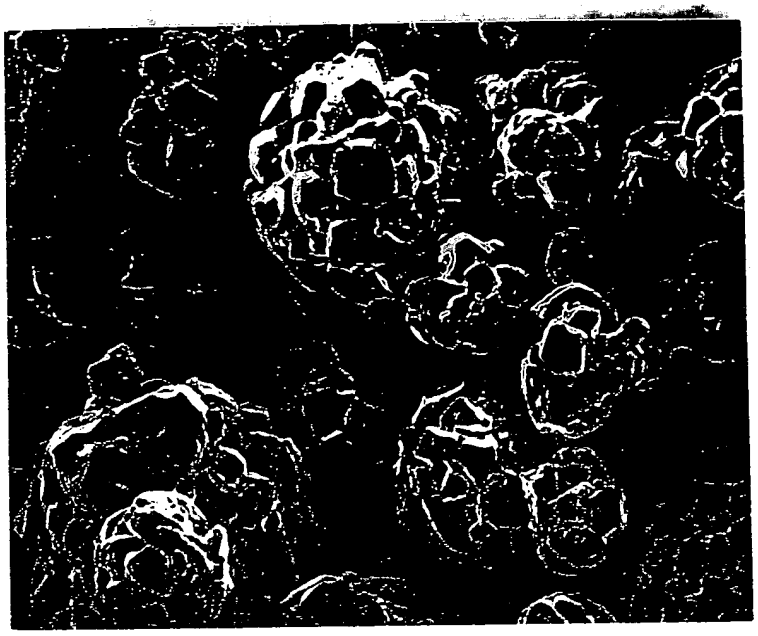


FIG. 6c

FIG. 6d

FIG. 6e

FIG. 6f

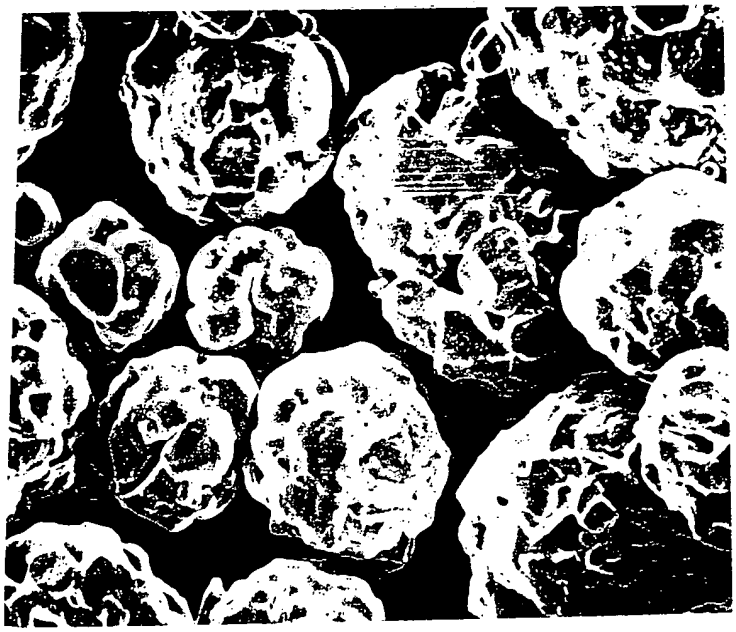


FIG. 6g

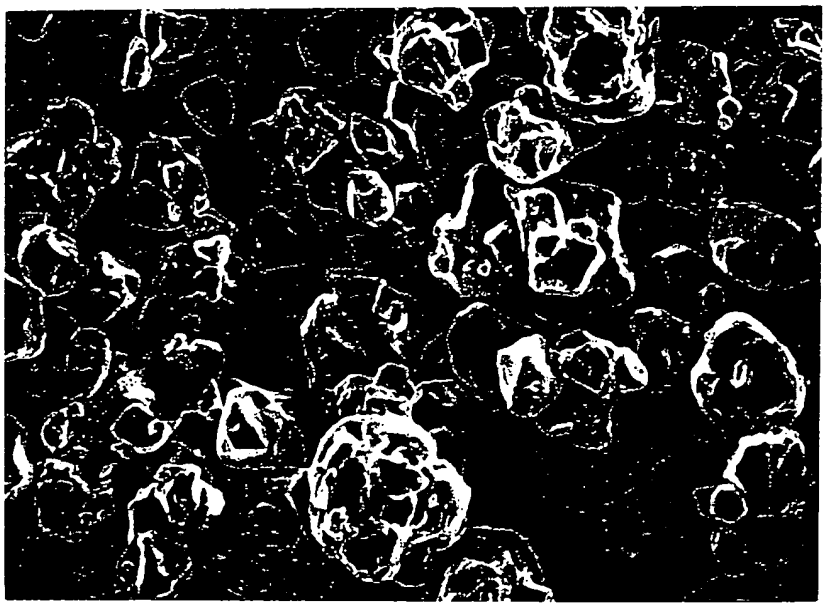


FIG. 6h

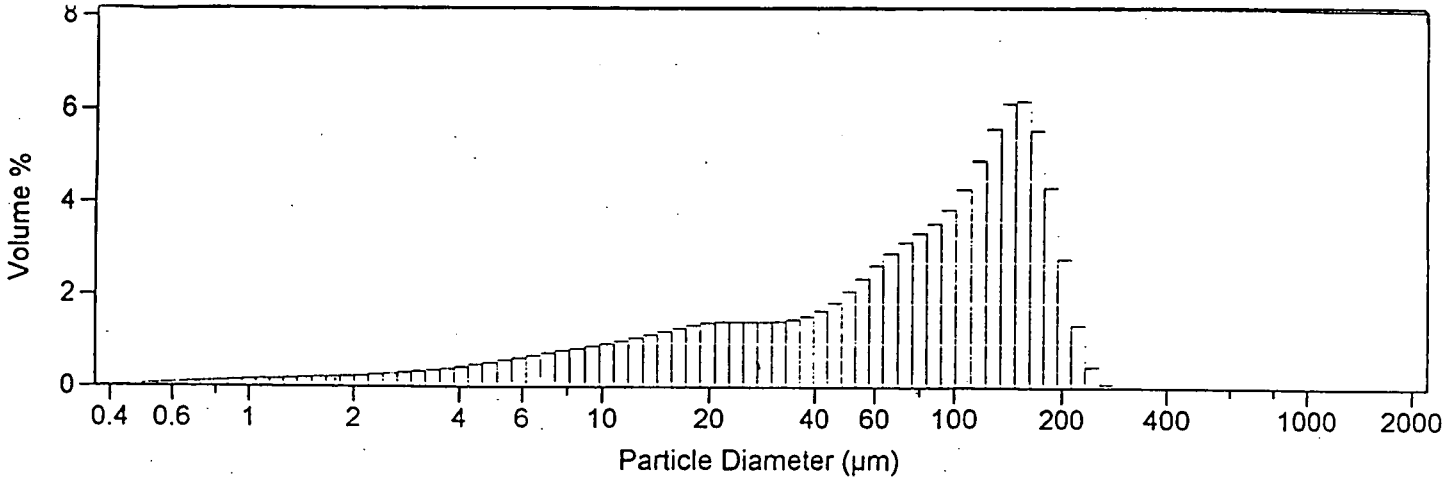


FIG. 7a

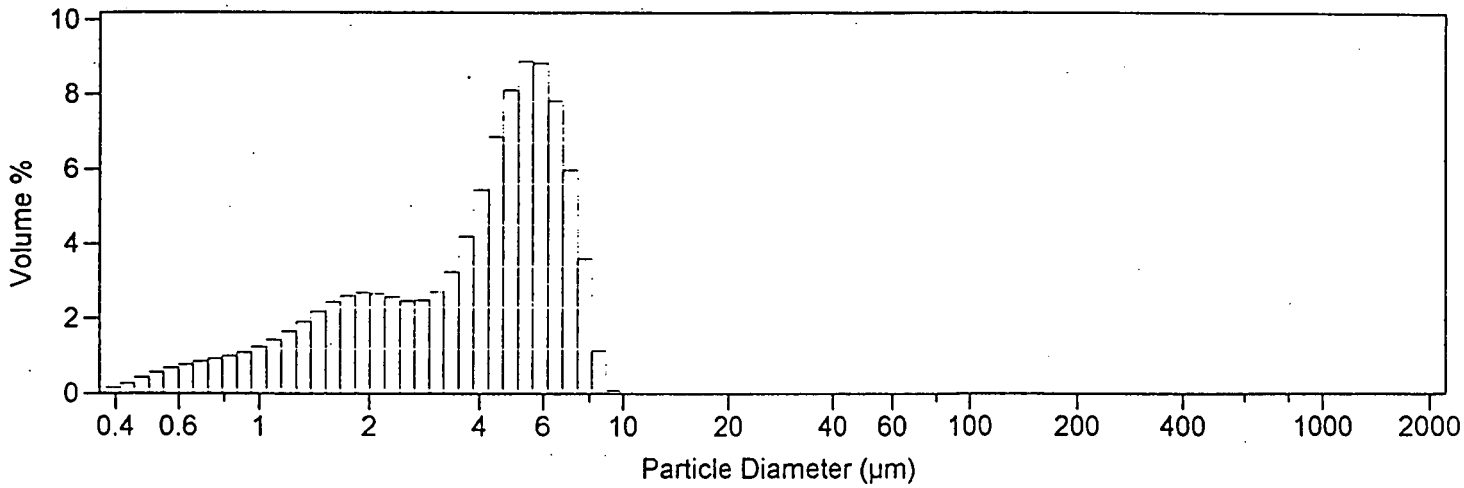
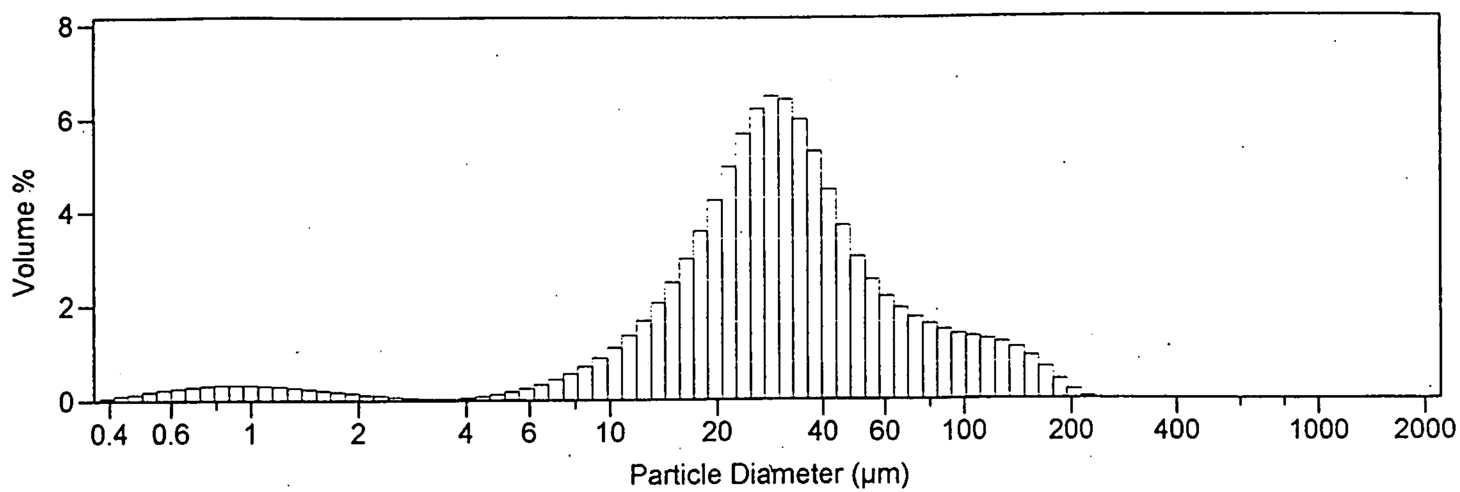

10
8
6
4
2
0
Volume %
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (μm)

FIG. 7b



Volume %
0
2
4
6
8
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (µm)

FIG. 7c

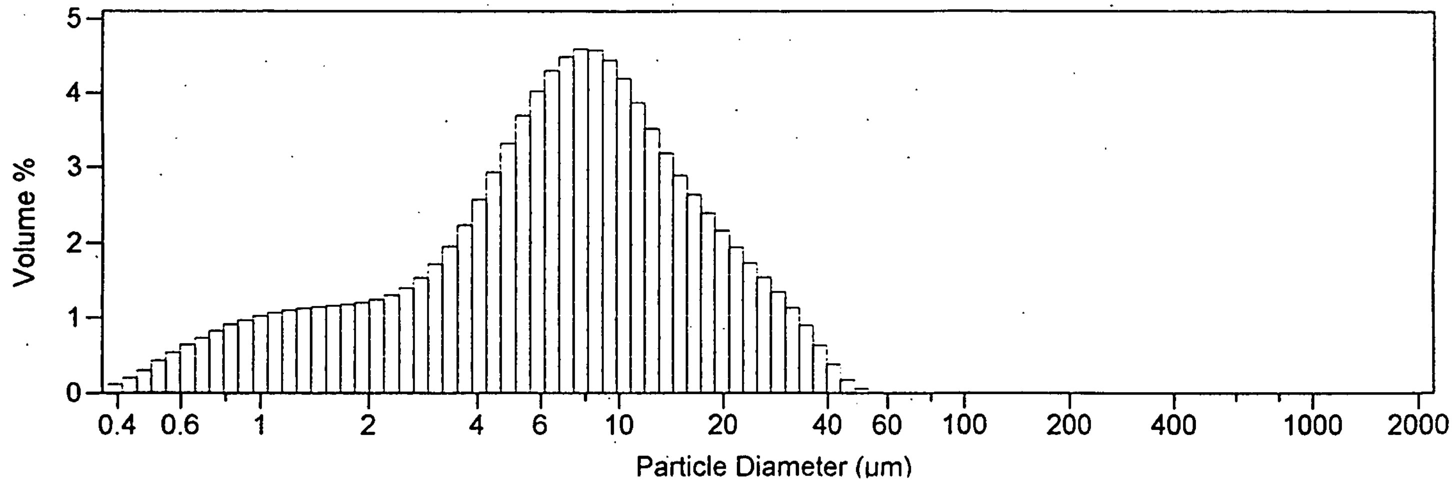

Volume %
0
1
2
3
4
5
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (μm)

FIG. 7d

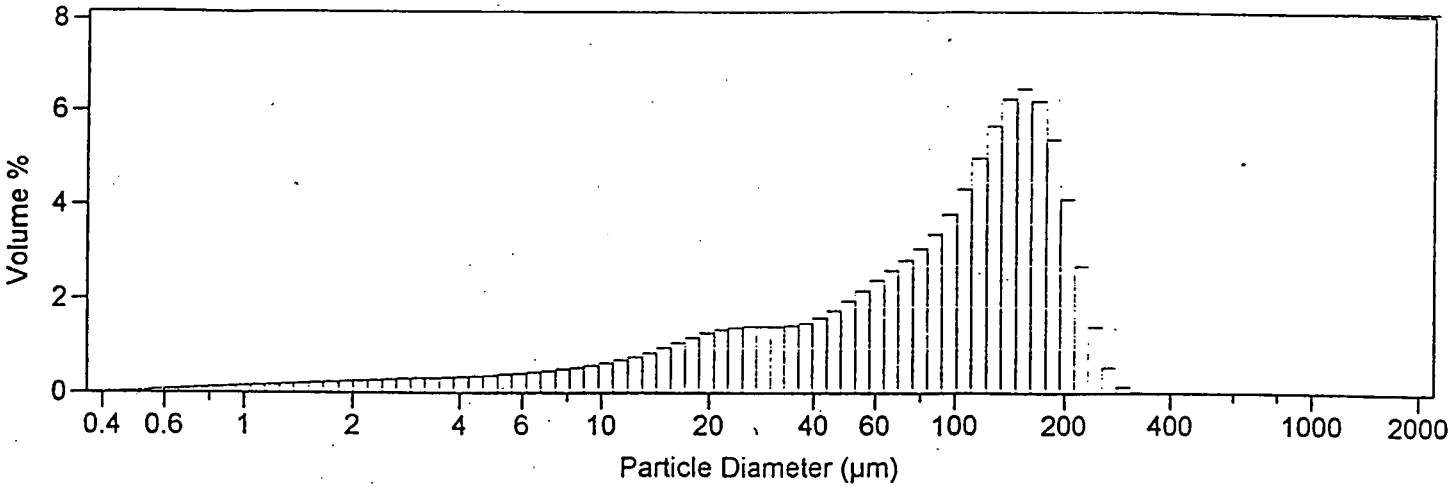

Volume %
0
2
4
6
8
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (µm)

FIG. 8a

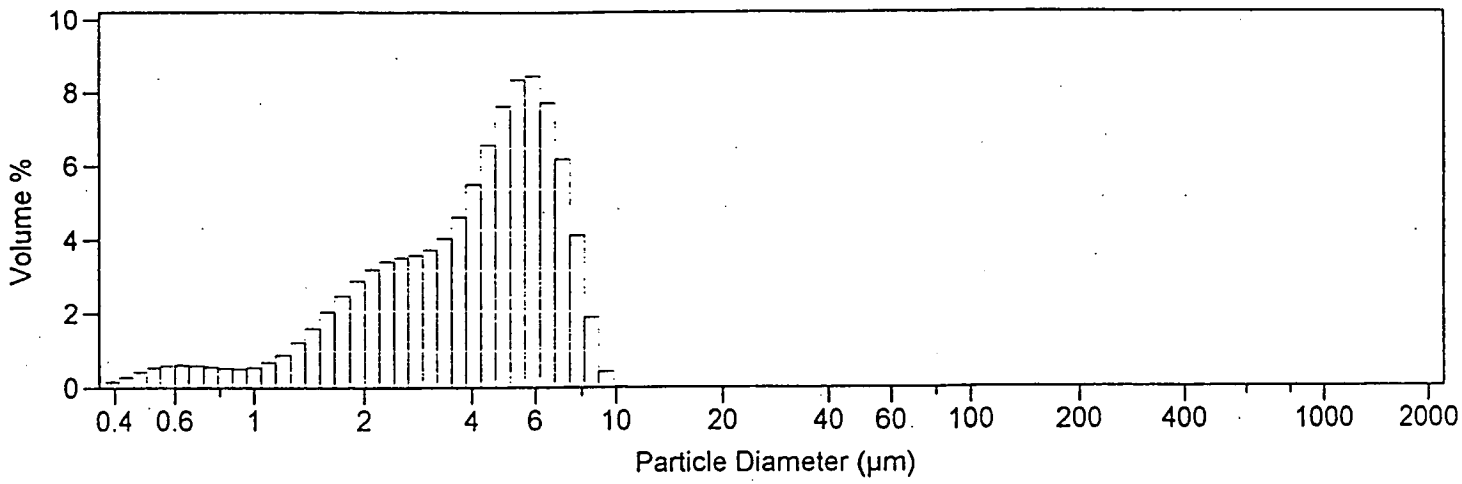

10
8
6
4
2
0
Volume %
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (μm)

FIG. 8b

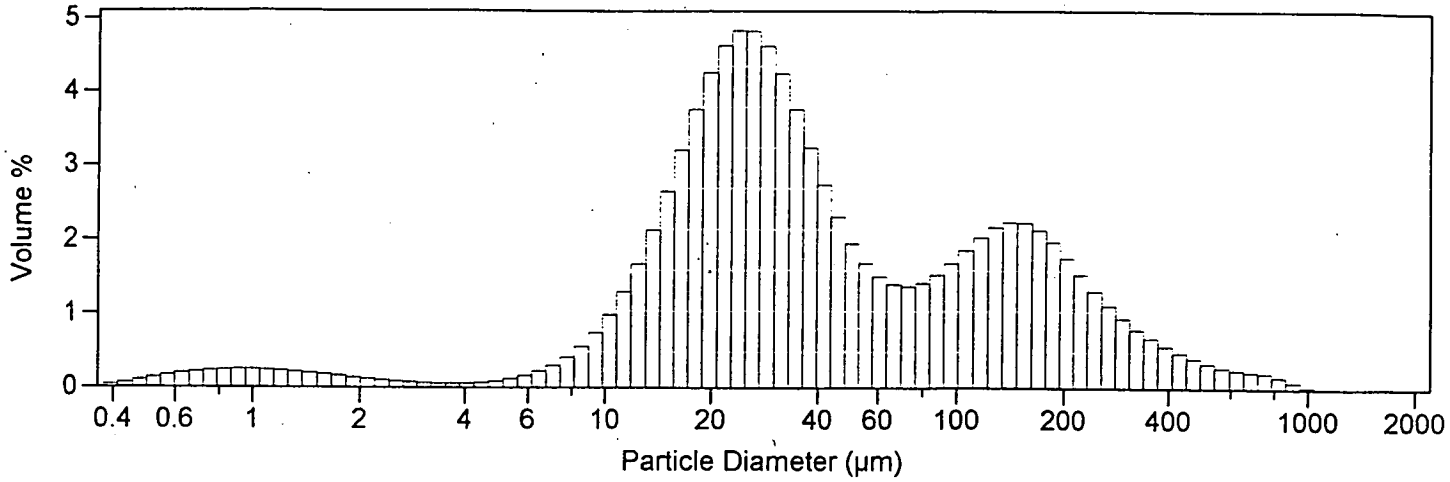

Volume %
0
1
2
3
4
5
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (μm)

FIG. 8c

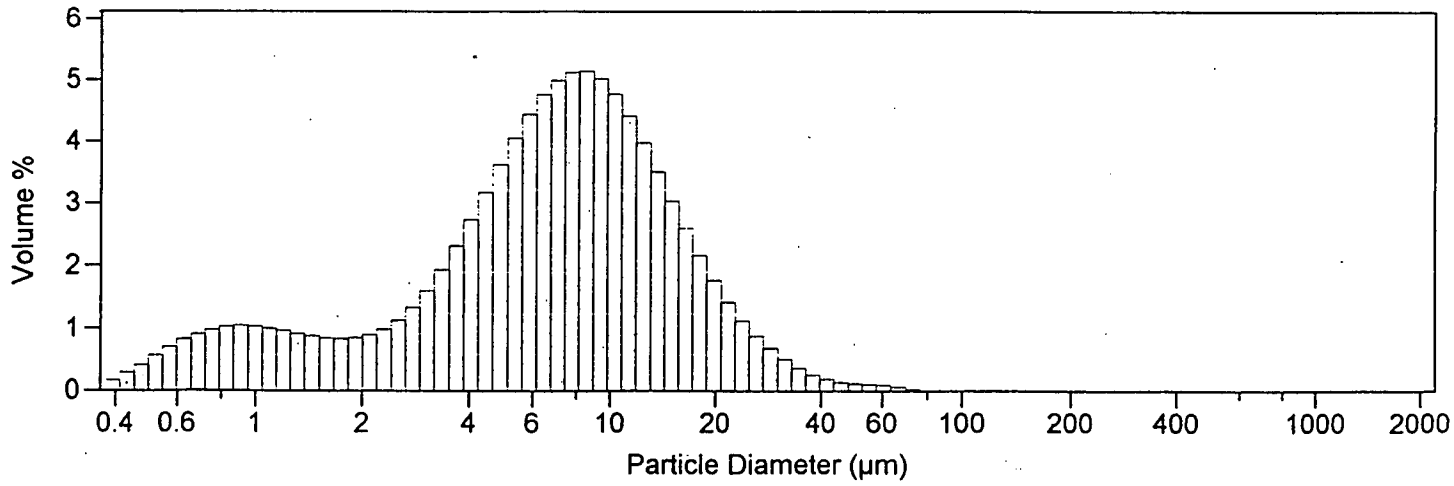
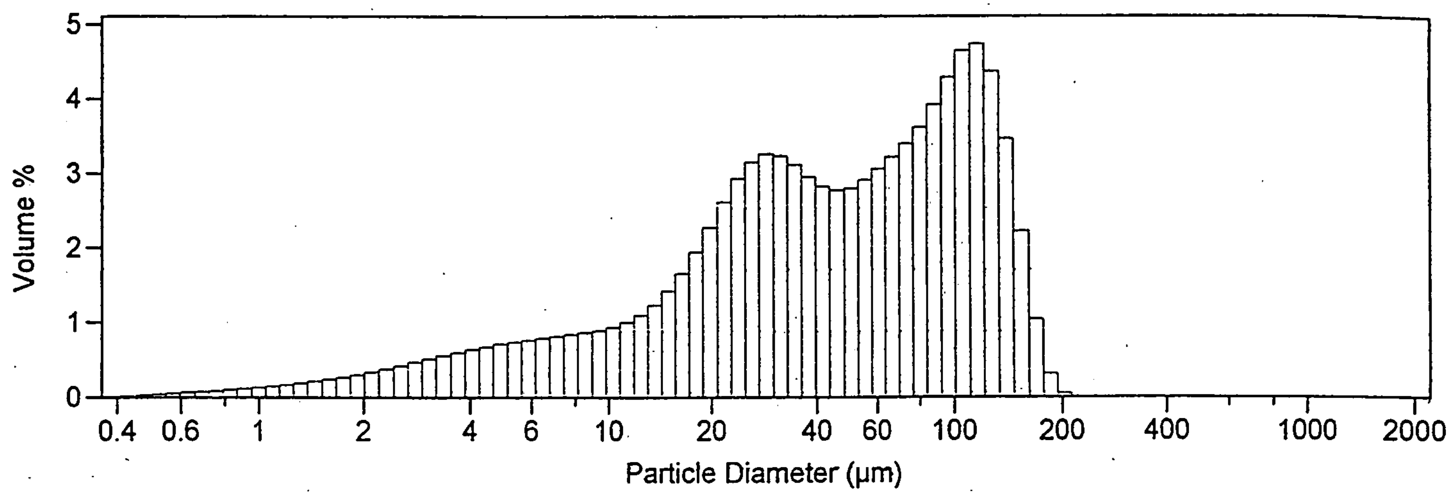

Volume %
0
1
2
3
4
5
6
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (μm)

FIG. 8d



Volume %
5
4
3
2
1
0
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (µm)

FIG. 9a

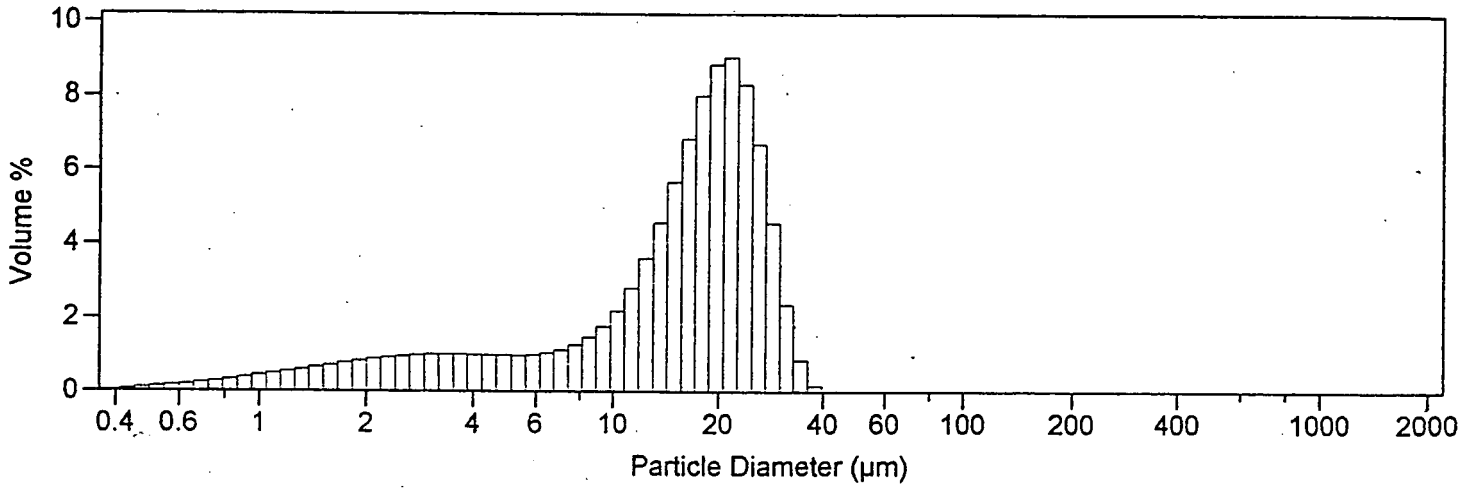


FIG. 9b

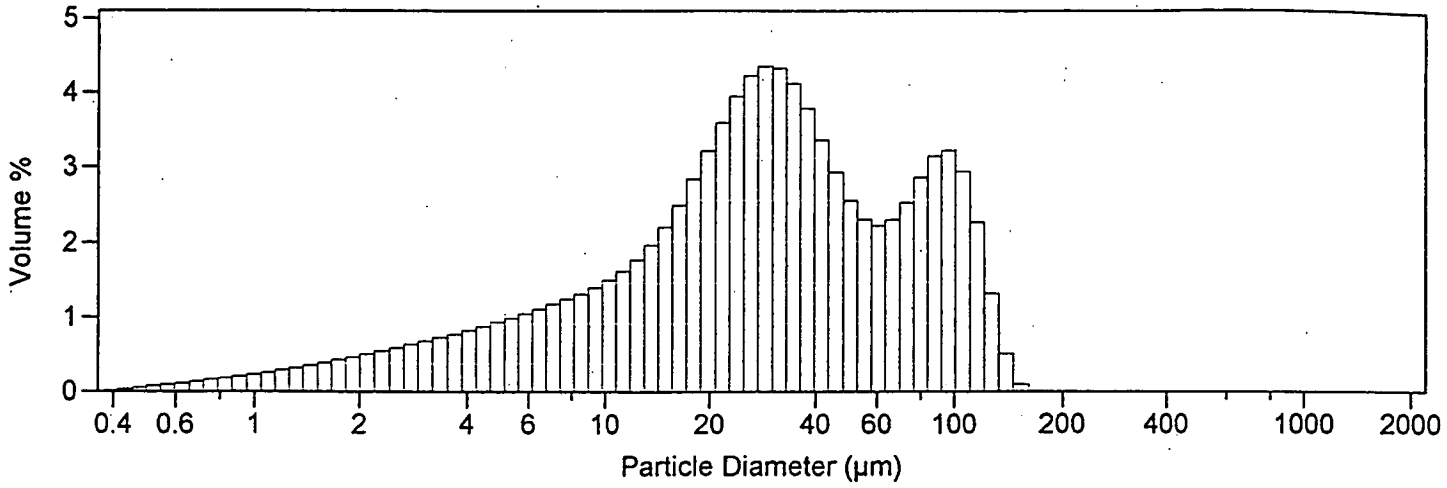

Volume %
0
1
2
3
4
5
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (µm)

FIG. 10a

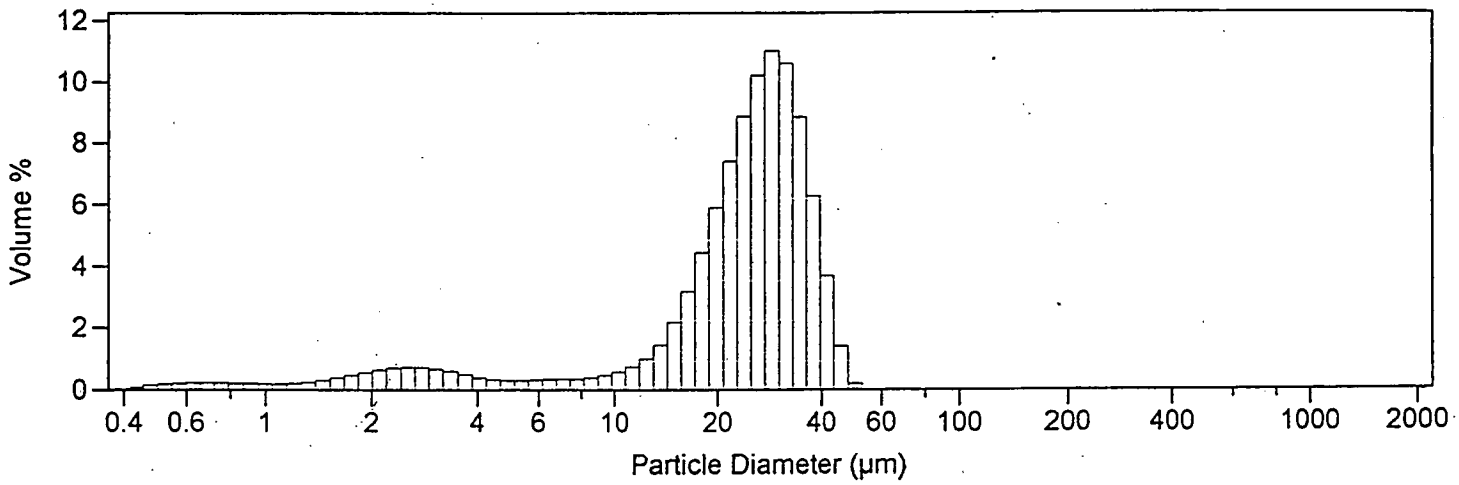

12
10
8
6
4
2
0
Volume %
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (µm)

FIG. 10b

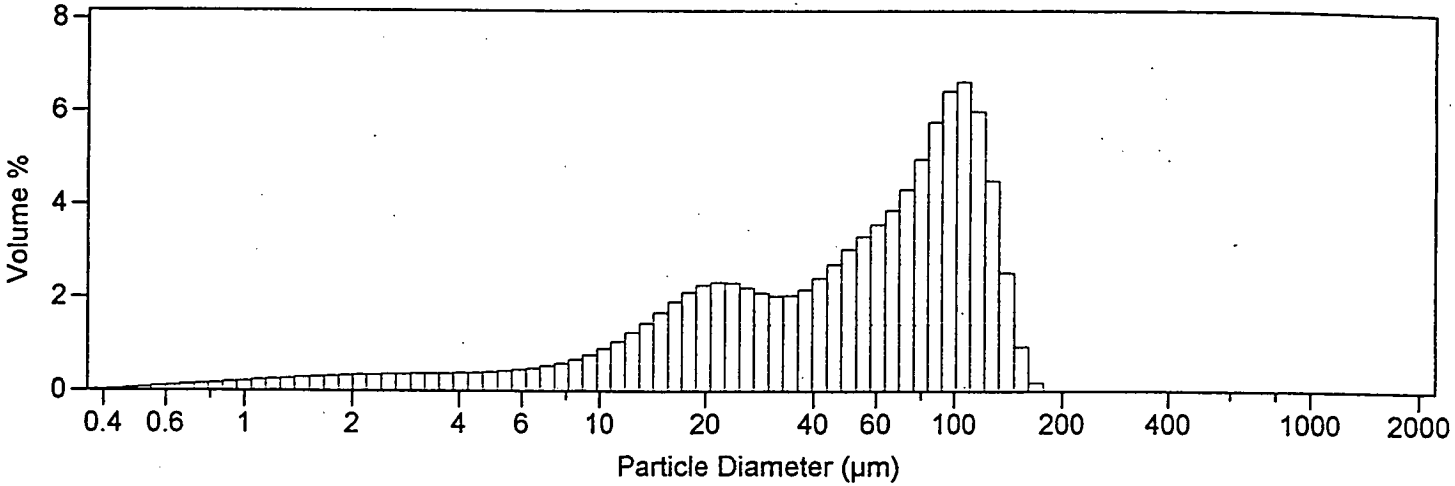

8
6
4
2
0
Volume %
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (µm)

FIG. 11a

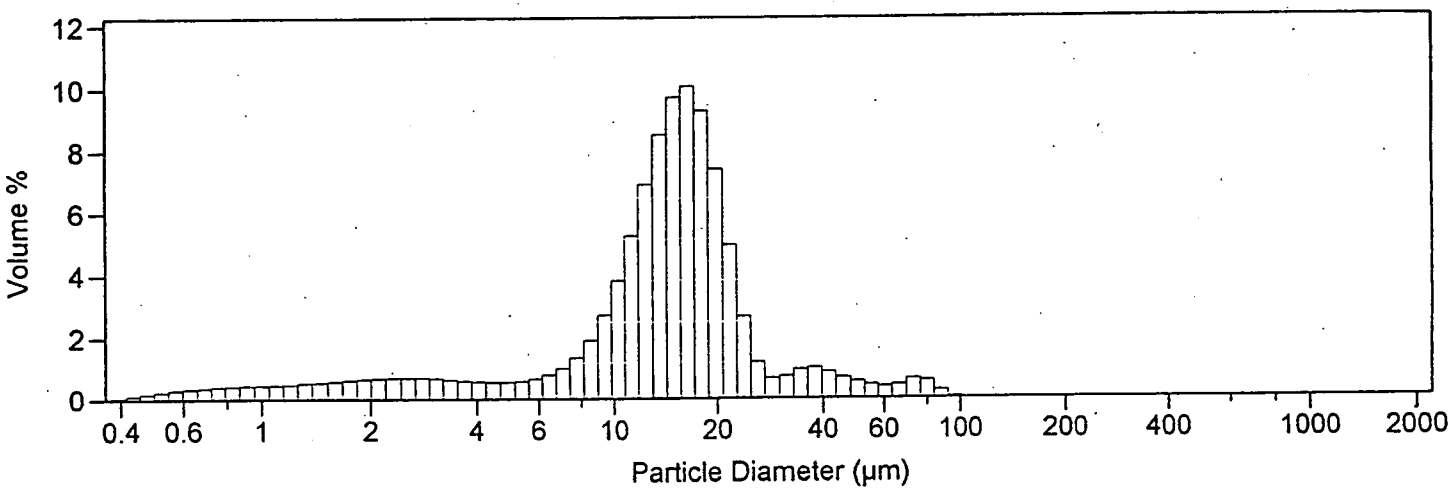

12
10
8
6
4
2
0
Volume %
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (μm)

FIG. 11b

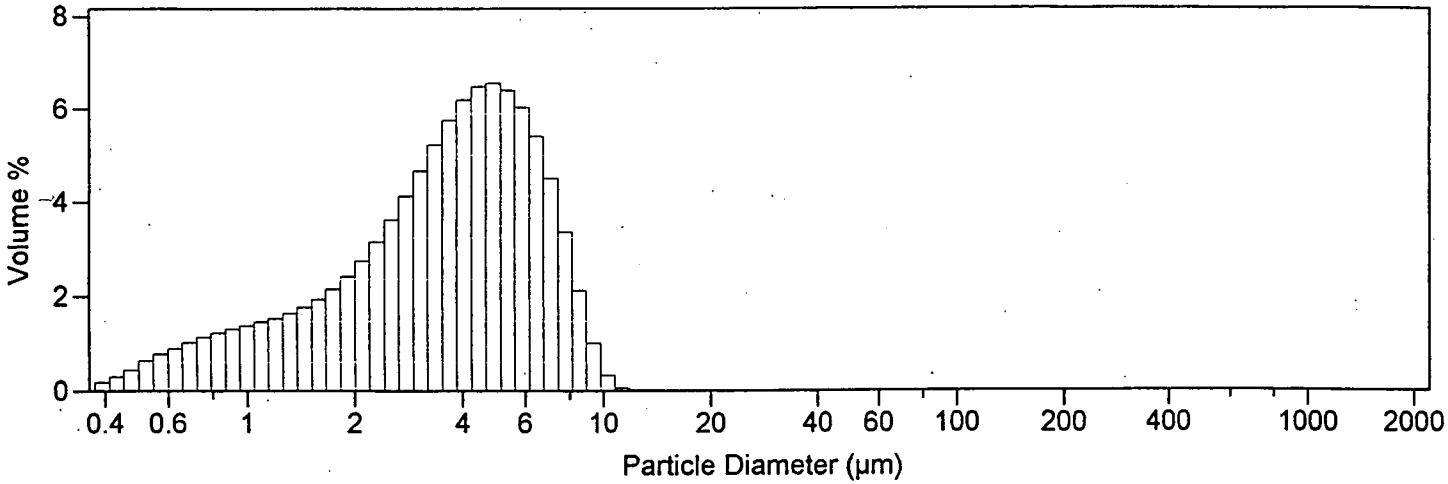

8
6
4
2
0
Volume %
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (μm)

FIG. 12a

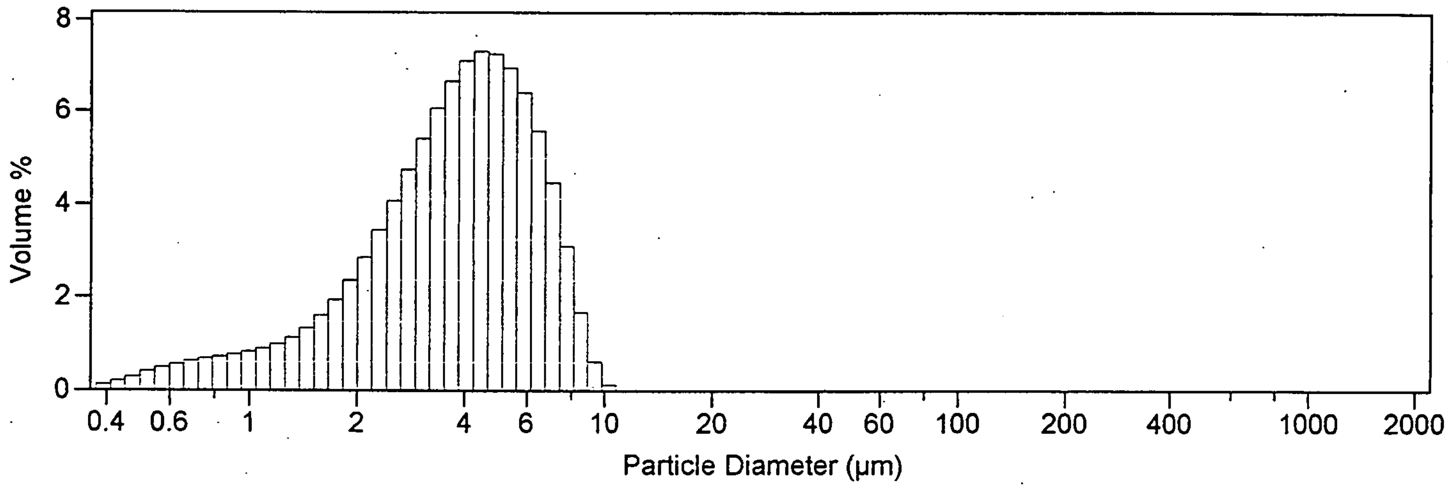

8
6
4
2
0
Volume %
0.4 0.6 1 2 4 6 10 20 40 60 100 200 400 1000 2000
Particle Diameter (µm)

FIG. 12b

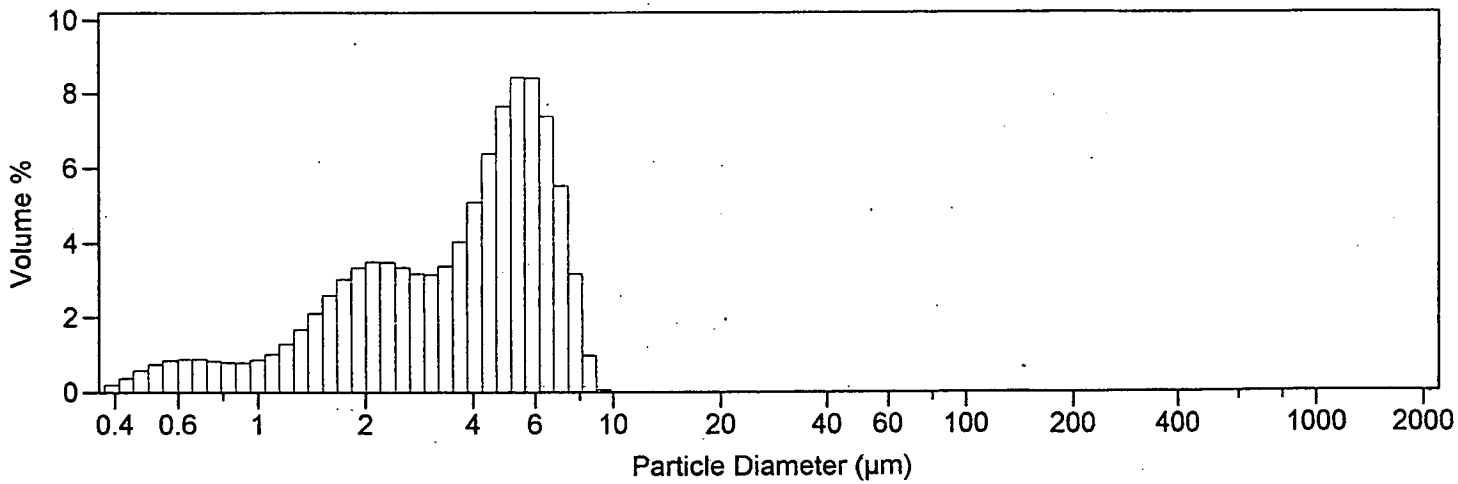

10
8
6
4
2
0
Volume %
0.4
0.6
1
2
4
6
10
20
40
60
100
200
400
1000
2000
Particle Diameter (µm)

FIG. 12c